

Cobra®



iRadar compatible

Download on the App Store  ANDROID APP ON Google play 

DSP 9200BT
Radar/Laser/Camera Detector
Operating Instructions

Printed in the Philippines Part No. 480-1030-P Version A

NOTE: This device complies with part 15 of FCC rules: Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received including interference that may cause undesired operation.

CAUTION: Modifications or parts not approved by Cobra Electronics Corporation may violate FCC Rules and void authority to operate this equipment.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'utilisation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

US Pat. No. 6078279, 8842004, 8970422 and other US Patents Pending

Small Size, Big Performance.
The ultimate long-range detection platform packed into the industry's smallest design. Detects all radar/laser guns and cameras.*

Revolutionary Accuracy
Reduces the uncertainty and frustration of false alerts with Digital Signal Processing (DSP) technology, the next level of accurate radar detection. DSP digitizes radar signals and compares them to known radar gun signatures to determine whether or not to sound an alert.

The Power of Community
Let the free Cobra iRadar® app and community-based detection lead the way. iRadar gives real-time alerts to upcoming Speed & Red Light Cameras, Live Police Activity, Radar & Laser Guns and Caution Areas reported by other iRadar users*.

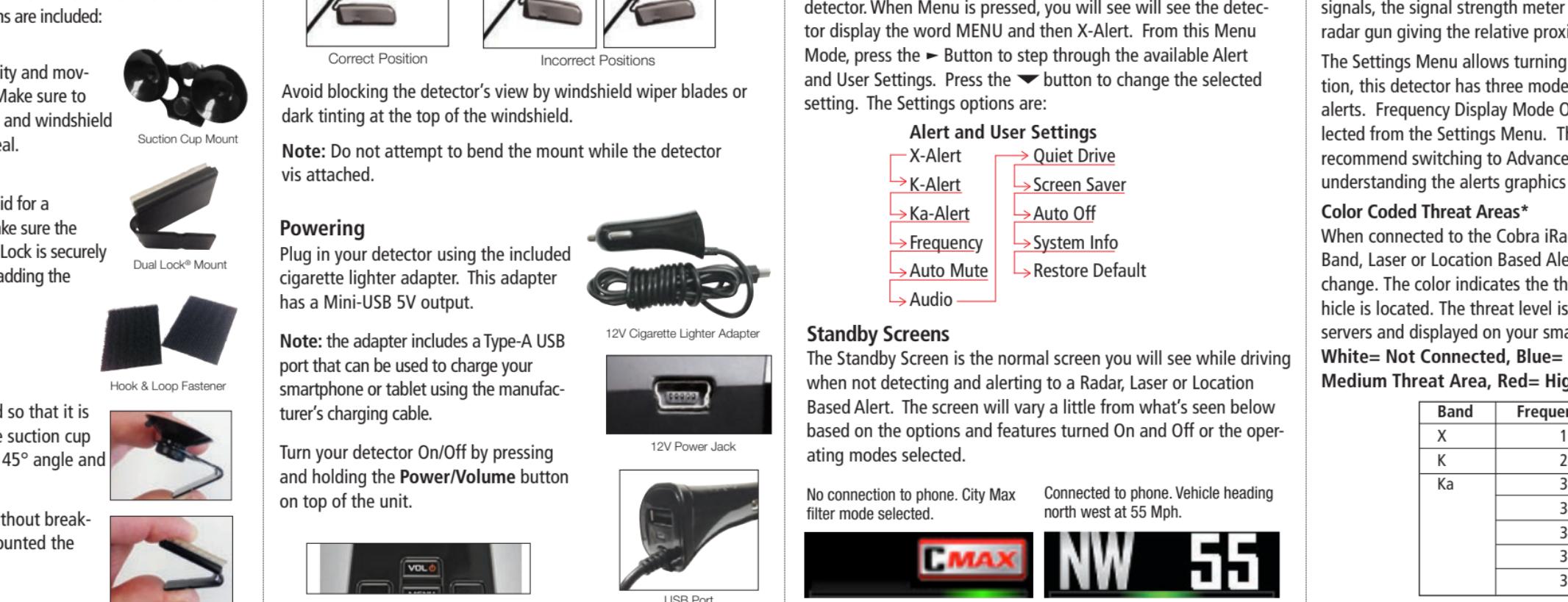
Stay One Step Ahead
Cobra's powerful servers and complex algorithms take massive amounts of historical user data and distill it into a threat level for your vehicle. This detector's display will change color matching the severity and urgency of the threat level to keep you one step ahead*.

Just What You Want to Hear
A suite of several Cobra technologies help to further eliminate unwanted and false alerts. These include: SpeedMute™*, Auto Mute Mode, QuietDrive™ Mode, AutoCity™*, CAS Immunity and TFS rejection.

*GPS and iRadar-based features require connection to a Bluetooth® Smart ready device and the Cobra iRadar app. For a full list of Bluetooth® Smart ready devices visit www.bluetooth.com

Thank you for purchasing Cobra's new digital ultra-performance radar/laser/camera detector.

Controls and Connections



- Windshield Bracket Mounting Slot**
- Power/Volume Button**
 - Press and Hold to turn the power On and Off.
 - Press to adjust the volume.
- Mini-USB 5V Power Jack**
- Menu/Report Button**
 - Press once to enter Menu Mode.
 - Press and Hold to make a User Report*
- Dim/◀ Button**
 - Adjusts the display brightness.
 - In Menu mode, steps backward through menu options.
- City/▶ Button**
 - Switches between Highway and City filtering modes.
 - In Menu mode, steps forward through menu options.
- Mute/Down Button**
 - While alerting, press once to manually mute audio alerts.
 - In Standby and connected to the app, press once to toggle between available standby screens.
 - In standby, Press and Hold to turn Quiet Drive On and Off.
 - In Menu Mode, press to change the setting.
- Bluetooth® SMART**
- Premium Carry Case**

Radar Alerts

Frequency Display Mode Advanced

Your detector should be mounted on the windshield or dashboard of your vehicle. When Menu is pressed, you will see the detected radar signals, the signal strength meter shows signal strength of the radar gun giving the relative proximity to the source.

Suction Cup Mount

This is the best option for portability and moving the detector from car to car. Make sure to thoroughly clean the suction cups and windshield mounting area to insure a tight seal.

Avoid blocking the detector's view by windshield wiper blades or dark tinting at the top of the windshield.

Ka Band Alert- Red color indicates detector is connected to the App and in a high threat area.

Note: Do not attempt to bend the mount while the detector is attached.

Dual Lock® Mount

This mount is discreet and very solid for a permanent mounting location. Make sure the adhesive side of the included Dual Lock is securely fastened to the windshield before adding the weight of the detector to it.

Color Coded Threat Areas*

When connected to the Cobra iRadar app, the color of the Radar Band, Laser or Location Based Alerts and Standby Screens will change. The color indicates the threat level for the area your vehicle is located. The threat level is calculated by Cobra's powerful servers and displayed on your smart phone and the detector.

Powering

Plug in your detector using the included cigarette lighter adapter. This adapter has a Mini-USB 5V output.

Laser Alert Screens

With Laser signals, you will always receive full alert. The word LASER will be shown on the display. The color of the word LASER indicates the iRadar threat area level. When connected to the Cobra iRadar app, the LaserRelay™ feature will be activated. Laser alerts will be simultaneously relayed to other users of a detector with iRadar functionality.

Standby Screens

This is a more advanced mode. The exact frequency of the detected radar signal will also be shown.

White= Not Connected, Blue= Low Threat Level, Orange= Medium Threat Area, Red= High Threat Area.

Hook and Loop Fastener

Included for dashboard mounting.

12V Cigarette Lighter Adapter

12V Power Jack

USB Port

Bluetooth® SMART

Power/Volume Button

LASER

C MAX

NW 55

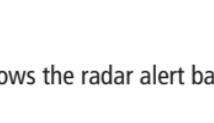
Frequency Display -The exact frequency of the detected radar signal

Red color indicates connected and high threat area.

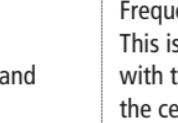
Note: Pressing the Mute / ▼ Button when Connected will toggle between these two screens.

Mounting

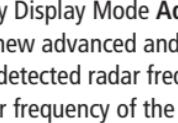
Windshield



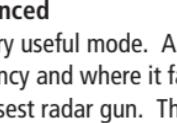
Correct Position



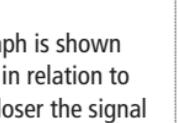
Incorrect Positions



Suction Cup Mount



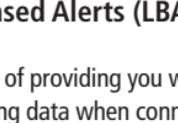
Dual Lock® Mount



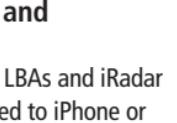
12V Cigarette Lighter Adapter



Hook & Loop Fastener



12V Power Jack



USB Port



Menu/Settings Screen

AURA® Location-based Alerts (LBAs) and iRadar Community

Settings are available for customizing your detector. When Menu is pressed, you will see the detected radar signals, the signal strength meter shows signal strength of the radar gun giving the relative proximity to the source.

Your detector is capable of providing you with LBAs and iRadar Community threat sharing data when connected to iPhone or Android phones. The detector uses the GPS in your smartphone to connect to and obtain the latest LBA's and alert you to them. Vehicle speed and compass headings use your phone's GPS as well. See the section on Downloading the App to add these features and more.

Downloading the App

For optimal performance and access to all this detectors advanced features, you should download the iRadar app and use it when you drive with this detector. To download the app you must enter the iTunes Store or Google Play and search for "Cobra iRadar". Follow the onscreen instructions to download the app.

Cobra iRadar® App

The iRadar app separates Cobra from any other detectors out there.

Medium Threat Area

Band	Frequency of Guns
X	10.525
K	24.150
Ka	33.800
	34.300
	34.700
	34.950
	35.500

Connected to phone. Vehicle heading north west at 55 Mph.

No connection to phone. City Max

Power/Volume Button

LASER

C MAX

NW 55

Frequency Display -The exact frequency of the detected radar signal

Red color indicates connected and high threat area.

Note: Pressing the Mute / ▼ Button when Connected will toggle between these two screens.

*GPS and iRadar-based features require connection to a Bluetooth® Smart ready device and the Cobra iRadar app. For a full list of Bluetooth® Smart ready devices visit www.bluetooth.com

Pairing/Connecting with Your Detector

GPS and iRadar-based features require connection to a Bluetooth® Smart ready device and the Cobra iRadar app. For a full list of Bluetooth® Smart ready devices visit www.bluetooth.com

Please note, this is the newer Bluetooth® Smart technology and pairing is not always done in the same manner and menus as conventional Bluetooth. This detector will NOT APPEAR in the Bluetooth Settings menu of your iPhone®.

iRadar Community
When you, or any other iRadar user, detects a radar or laser signal the alert information is anonymously sent to Cobra's cloud servers.

For iPhone® 4S and later with Bluetooth® Smart:
a. Power on the detector. If not connected, it will be in the Pairing Mode automatically.
b. Make sure your iPhone Bluetooth is turned On
c. Start the Cobra iRadar application. Press the Menu icon in the upper left corner of the app and select Devices. Follow the onscreen instructions to complete the pairing and connection.

High-Threat Area means multiple reports have confirmed a legitimate threat in the area recently.

Medium or Low-Threat Area means signals have been detected but have either not been confirmed or have not been reported lately.

Paying attention to threat areas will allow you to be warned of potential threats before you enter radar detection range.

Community Radar/Laser alert sharing means that you have an entire network of users working to keep you and your wallet safe.

CONNECTING

For Android™ :

a. Power on the detector. If not connected, it will be in the Pairing Mode automatically.

b. Make sure the your Android™ device's Bluetooth is turned On and go to the Bluetooth Settings Menu. For most devices this can be found by pressing; Settings > Bluetooth.

c. Press Scan for Devices and/or wait for the device list to populate and then select iRadar. Pairing can take up to 30 seconds.

d. The phone might show "Paired but not connected" in this menu. That's OK as the connection will be completed after opening the iRadar App.

For more information on pairing with Bluetooth devices consult your phone's owners manual.

If you are having trouble initializing or maintaining your Bluetooth connection completely turn off your smartphone and detector device, wait 30 seconds, and then turn them back on.

Using the Report Button
You can report to the iRadar Community when you see an active police speed enforcement by pressing the MENU button for 2 seconds.

Location Based Alerts:

LBA Only:

As you approach a specific Threat Area you will hear a short beep and then the app will indicate the Cobra's assessment of the reliability of the threat.

• **Highway:** Maximum long range alerting.

• **City:** automatically mutes X-band audible alert until signal strength reaches level 3 or above.

• **City MAX:** Maximum filtering against urban false signal sources.

Trademark Acknowledgment
Cobra®, AURA®, Cobra iRadar®, LaserEye®, Nothing Comes Close to a Cobra®, and the snake design are registered trademarks of Cobra Electronics Corporation, USA.

Quiet Drive™
This detector is capable of supporting some advanced functions controlled by the iRadar app. They are not in the detectors Settings Menu, and are instead easily adjust and changed in the iRadar App.

Screen Saver
Your detector has a Screen Saver mode. When Screen Saver is turned On (factory default is 3 minutes), the screen will change to Dark from it's Bright, Dim, or Dimmer setting after the time interval selected. While the screen is Dark, a small white dot will move on the screen to indicate the unit is turned On.

Illumination
The display illumination intensity can be adjusted to suit driving conditions with three levels and Dark Mode:

• Factory default is **Bright**.

• Use **Dark** mode to blank the screen for discreet use. In this mode, alerts will sound but not show. (A small white dot will move on the screen).

AutoCity™
This feature automatically switches between Highway and City modes based on speed and other information from your smartphone. It can be turned On and Off in the app.

All implied warranties, including warranties of merchantability and fitness for a particular purpose are limited in duration to the length of this warranty. Cobra shall not be liable for any incidental, consequential or other damages; including, without limitation, damages resulting from loss of use or cost of installation.

Phone Mode Advanced Audio Routing Over Bluetooth
Select "Phone" for Alert Audio in the iRadar app. Managed audio is sent to the vehicles stereo via Bluetooth or wired Aux Input. Alerts can also be sent to a Bluetooth headset.

LBAs will start as you approach the actual location. If both a radar and Location-based alerts happen at the same time, both will be displayed side by side.

Threat Area Alert
THREAT AREA
Threat Area alerts will also be displayed on the screen. The Detection Scanner will stop moving and become a solid bar that will blink.

Using the Report Button
You can report to the iRadar Community when you see an active police speed enforcement by pressing the MENU button for 2 seconds.

Voice or Tone Mode
You can set your detector to sound alerts and confirm menu settings with either a Voice or a Tone Alert. Voice Alert provides voice messages in addition to tones. Tone Alert provides tones only. The factory setting is Voice Alert.

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Advance App Controlled Functions
Provided that the product is utilized within the U.S.A.- Cobra will, without charge, repair or replace, at its option, defective products, or component parts upon delivery to the Cobra Factory Service department, accompanied by proof of the date of first consumer purchase, such as a duplicated copy of a sales receipt. You must pay any initial shipping charges required to ship the product for warranty service, but the return charges to an address in the U.S.A. will be at Cobra's expense, if the product is repaired or replaced under warranty.

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For any questions about operating or installing this new Cobra product, PLEASE CONTACT COBRA FIRST... do not return this product to the retail store. The contact information for Cobra will vary depending on the country in which you purchased and utilize the product. For the latest contact information, please go to www.cobra.com/support

Highway, City, City Max and AutoCity™ Modes:
Highway Mode provides full immediate response to all signals detected. Use this mode when you are driving on interstate highways. Automatic door openers operate in X and K-band frequencies.

Auto Off Mode
When Auto Mute is On, the audio volume of all alerts is automatically reduced after 4 seconds. The signals will remain muted for as long as the signal is detected. When Auto Mute is Off, the alerts will sound at full volume for as long as the signal is detected. The factory setting for Auto Mute is On.

Limited 1-Year Warranty
Your detector includes an Auto Off feature - when turned On, it will turn off the detector after the selected amount of time. The detector will turn off after this time if no alerts are detected and no movement is sensed from the iRadar app. The options are 30, 60, 90 minutes or Off. The default setting for this setting is Off.

Optional Accessories
You can find quality Cobra products and accessories at your local Cobra dealer, or in the U.S.A., you can order directly from Cobra at www.cobra.com

Windshield Mounting Bracket
Includes adjustable plug (up to 90°) and fuse Item # 545-159-N-001

Dual Port Power Adapter
Includes suction cups Item # CLP-2B

Install Mount
Includes 3M Dual Lock Item # 545-002

Straight Combination Radar USB Cord
Includes plug and USB Output Item # PWR USB-01

Premium Carry Case
Includes storage for cords and mounts Item # CCRD1

Note: This feature should only be used if your detectors power switch does not turn off with the vehicle's ignition. In addition, we recommend to only enable this feature if you use the detector with the iRadar app. Using it with the app will prevent unintended shut downs on longer trips.

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Quiet Drive™
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Screen Saver
Quiet Drive is a muted driving mode for times when a driver wants less audible feedback while talking with passengers, on the phone, etc. This mode is Off by default. If switched On, it will turn to Off again after the detector is power cycled.

Illumination
The Bluetooth® word mark is a registered trademark owned by Bluetooth SIG, Inc. and any use of such marks by Cobra Electronics Corporation is under license. Other trademarks and trade names are those of their respective owners.

Exclusions: This limited warranty does not apply: 1) To any product damaged by accident; 2) In the event of misuse, ordinary wear, failure to follow directions, or improper maintenance of the product or as a result of unauthorized alterations or repairs; 3) If the serial number has been altered, defaced, or removed; 4) If the product was purchased or is utilized in a jurisdiction not covered by the limited warranty.

SpeedMute™
This feature will automatically mute unwanted alerts while driving below a selectable speed setting. This can be turned On and Off and the speed setting adjusted in the iRadar app.

Note: While Screen Saver is activated, any alert will turn the display back on at the last brightness setting (Bright, Dim or Dimmer). Touching any button will also turn On the display.

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Phone Mode Advanced Audio Routing Over Bluetooth
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Auto Off Mode
When Auto Mute is On, the audio volume of all alerts is automatically reduced after 4 seconds. The signals will remain muted for as long as the signal is detected. When Auto Mute is Off, the alerts will sound at full volume for as long as the signal is detected. The factory setting for Auto Mute is On.

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